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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			Complete if Known	
	Application Number	10/039,147		
	Filing Date	01/04/2002		
	First Named Inventor	David W. Bro		
	Group Art Unit	2152		
	Examiner Name			
Sheet 1	of 10	Attorney Docket Number	P214021	

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>2</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>3</sup>			
<i>PS</i>		5,977,951		Danieli et al.	11-1999	
<i>PS</i>		5,746,602		Kikinis	05-1998	
<i>PS</i>		5,752,880		Gabai et al.	05-19-1998	
<i>PS</i>		5,733,131		Park	03-31-1998	
<i>PS</i>		5,636,994		Tong	06-10-1997	
<i>PS</i>		5,655,945		Jani	08/12/1997	
<i>PS</i>		4,846,693		Baer	07-11-1989	
<i>PS</i>		5,873,765		Rifkin et al.	02-23-1999	
<i>PS</i>		4,809,335		Rumsv	02-28-1989	
<i>PS</i>		5,846,132		Junkin	12-08-1998	
<i>PS</i>		5,890,963		Yen	04-06-1999	
<i>PS</i>		5,707,289		Watanabe et al.	01-13-1998	
<i>PS</i>		5,800,268		Molnick	09-01-1998	
<i>PS</i>		5,907,831		Lotvin et al.	05-25-1999	
<i>PS</i>		5,801,946		Nissen et al.	09/01/1998	
<i>PS</i>		4,840,602		Rose	06-20-1989	
<i>PS</i>		4,857,030		Rose	08/15/1989	
<i>PS</i>		5,607,336		Lebensfeld et al.	03/04/1997	
<i>PS</i>		5,596,994		Bro	01-1997	
<i>PS</i>		5,377,258		Bro	12-1994	

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		Office <sup>3</sup>	Number	Kind Code <sup>5</sup> (if known)				
PS			EP0508912 A1		European Patent Office	10-14-1992		
PS			0275826 A1		European Patent Office	07-1998		
PS			0442676 A2		European Patent Office	08-1991		
PS			WO 95/07504		WIPO	03-1995		
PS			0 281 427 B1		Pierce et al.	08-05-1992		
PS			0 583 908 A2		Edgar et al.	02-23-1994		
PS			Japanese 59 228473			06-09-1983		
PS			GB 2 224 896 A		Powell	12-11-1991		
PS			WO 92/11731		WIPO/Bell	07-09-1992		
PS			WO 93/08654		WIPO/Stillman et al	04-29-1993		

Examiner Signature	<i>Philip J. Scudlark</i>	Date Considered	1/31/2005
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Sheet | 2

of

10

Application Number	10/039,147
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<b>Filing Date</b>	01/04/2002
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First Named Inventor	David W. Brown
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Group Art Unit	2152
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**Examiner Name**

Attorney Docket Number | P214021

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		Number	Kind Code <sup>2</sup>			
MS		4,897,835		Gaskill	01-1990	
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PS		6,209,037		Brown et al.	03/27/2001	
PS		5,867,385		Brown et al.	02-02-1999	
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PS		6,139,177		Venkatraman et al.	10-2000	
PS		6,216,173		Jones et al.	04-10-2001	
PS		5,600,373		Chui et al.	02-04-1997	
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PS		5,453,933		Wright et al.	09/1995	
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PS		4,531,182		Hvatt	07-1985	
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[illegible]

**Examiner  
Signature**

Philip I. Schuchman

**Date**  
**Considered**

1/31/2005

1 Unique citation designation number 2 See attached Kinds of U.S. Patent Documents 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible 6 Applicant is to place a check mark here if English language Translation is attached.

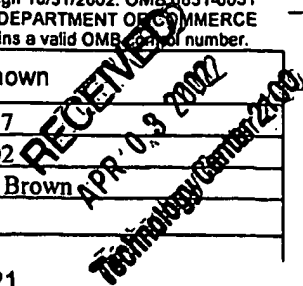
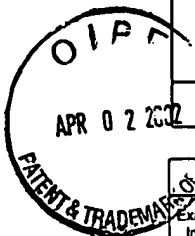
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<i>PS</i>		5,095,445		Sekiguchi	03-1992	
<i>PS</i>		5,126,932		Wolfson et al.	06-1992	
<i>PS</i>		5,175,817		Adams et al.	12-1992	
<i>PS</i>		5,245,703		Hubert	09-1993	
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<i>PS</i>		5,390,330		Talati	02-1995	
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<i>PS</i>		5,412,757		Endo	05-1995	
<i>PS</i>		5,465,215		Strickland et al.	11-1995	
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<i>PS</i>		5,914,876		Hirai	06-1999	
<i>PS</i>		5,855,483		Collins et al.	01-05-1999	
<i>PS</i>		4,159,417		Rubincam	06-26-1979	
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			Group Art Unit	2152	
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Sheet	4	of	10	Attorney Docket Number	P214021



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TS		4,855,725		Fernandez	08-08-1989	
TS		4,887,966		Gellerman	12-19-1989	
TS		5,120,065		Driscoll et al.	06-09-1992	
TS		5,402,518		Lowery	03-28-1995	
TS		5,450,079		Dunaway	09-12-1995	
TS		5,670,992		Yasuhara et al.	09-23-1997	
TS		6,101,425		Govindaraj et al.	08-08-2000	
TS		5,852,441		Nakaiima et al.	12-22-1998	
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TS		4,418,381		Molusis et al.	11-29-1983	
TS		6,144,895		Govindaraj et al.	11-07-2000	
TS		5,764,155		Kertesz et al.	06-09-1998	
TS		5,617,528		Stechmann et al.	04-01-1997	
TS		5,828,575		Sakai	10-27-1998	

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		Attorney Docket Number	P214021
Sheet	5	of	10

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
PS		WOSA Backgrounder: Delivering Enterprise Services to the Windows-based Desktop, July 1993, Microsoft Development Library; pp. 1-19	
PS		WOSA INSIDE WINDOWS 95; pp. 348-351	
PS		Software Products for Industrial Automation, ICONICS; 6 pages	
PS		WEB 3.0 Product Brochure, Trihedral Engineering Ltd. (1994); 6 pages	
PS		The Complete, Computer-Based Automation Tool (IGSS) Seven Technologies A/S; 6 pages	
PS		Oregon Micro Systems Product Guide: pp. 1-20	
PS		AIMAX-WIN Product Brochure, TA Engineering Co., Inc.; 8 pages	
PS		XANALOG Model NL-SIM Product Brochure, XANALOG, 4 pages	
PS		ExperTune PID Tuning Software, Gerry Engineering Software; 6 pages	
PS		PMAC Product Catalog, page 43	
PS		Paragon TNT Product Brochure, Intec Controls Corp.; 6 pages	

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PS		Aerotech Motion Control Product Guide; pp. 233-234	
PS		OpenBatch Product Brief, PID, Inc.; 6 pages	
PS		PC/DSP-Series Motion Controller C Programming Guide; pp. 1-54	
PS		FIX Product Brochure, Intellution (1994); 6 pages	
PS		Precision Motion Controls Product Guide; page 17	
PS		Compumotor Digiplan (1993-94) Catalog pp. 10-11	

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PS		SUE CHEN, JONATHON LIN; "Computer Numerical Control: Essentials in Programming and Networking"; Part 5, Chapter 27; pp. 824-848	
PS		PRITSCHOW et al.; "Open System Controllers: Challenge for the Future of the Machine Tool Industry"; pub. 1/15/93; pp. 449-452	
PS		WILLIAM E. FORD; "What Is an Open Architecture Robot Controller" pub. 8/16/94; pp. 27-32	
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PS		CHU AND WANG; "Development of a Practical SFC System for CNC Machine Shop"; pub. 1994; pp. 362-367	
PS		MICROSOFT; "The Microsoft Object Technology Strategy"; pub. March 1994; pp. 1-33	
PS		MICROSOFT; "Open Systems: Technology, Leadership, and Collaboration"; pub. March 1994; pp. 1-15	
PS		MICROSOFT; Microsoft OLE Today and Tomorrow: Technology Overview"; pub. December 1993; pp. 1-9	
PS		MICROSOFT; "Object Linking and Embedding 2.0 Backgrounder"; pub. September 1993; pp. 1-15	
PS		ROBERT ANDERSON; "SMART: A Modular Architecture for Robotics and Teleoperation"; pub. 1993; pp. 416-421	
PS		PROCTOR et al.; "Validation of Standard Interfaces from a Machine Control"; pub. 1996; pp. 659-664	

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/039,147</td> </tr> <tr> <td>Filing Date</td> <td>01/04/2002</td> </tr> <tr> <td>First Named Inventor</td> <td>David W. Brown</td> </tr> <tr> <td>Group Art Unit</td> <td>2152</td> </tr> <tr> <td>Examiner Name</td> <td>Technology Center 2100</td> </tr> <tr> <td>Attorney Docket Number</td> <td>P214021</td> </tr> </table>		Application Number	10/039,147	Filing Date	01/04/2002	First Named Inventor	David W. Brown	Group Art Unit	2152	Examiner Name	Technology Center 2100	Attorney Docket Number	P214021
Application Number	10/039,147														
Filing Date	01/04/2002														
First Named Inventor	David W. Brown														
Group Art Unit	2152														
Examiner Name	Technology Center 2100														
Attorney Docket Number	P214021														
Sheet	8	of	10												

OTHER PRIOR ART, NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†
PS		ALTINTAS et al.; "Design and Analysis of a Modular CNC System"; pub. 3/4/90; pp. 305-316	
PS		WRIGHT et al.; "Open Architecture Manufacturing: The Impact of Open-System Computers on Self-sustaining Machinery and the Machine Tool Industry"; pp. 41-47	
PS		PROTOCTOR et al.; "Open Architecture Controllers"; pub. June 1997; pp. 60-64	
PS		LUTZ et al.; "OSACA-The Vendor-Neutral Control Architecture"; pub. December 1997; pp. 247-256	
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PS		FENG et al.; "Distributed Control of a Multiple-Tethered Mobile Robot System for Highway Maintenance and Construction"; pub November 1997; pp. 383-392	
PS		FEDROWITZ; "IRL-Based Expansion of the Commonly Used High-Level Language C for Robot Programming;" pub. Oct. 1995; 5 pages	
PS		SZABO et al.; "Validation Results of Specifications for Motion Control Interoperability"; pub. 1997; pp. 166-167	
PS		CHANG et al.; "Development and Implementation of an Application Programming Interface for PC/DSP-based Motion Control System"; pub. 1998; pp. 94-105	
PS		EROL et al.; "Open System Architecture Modular Tool Kit for Motion and Machine Control"; pub. September 2000; pp. 281-291	
PS		MIZUKAWA et al.; "OriN: Open Robot Interface for the Network: A Proposed Standard"; pub. May 2000; pp. 344-350	

Examiner Signature <i>Philip L. Seider</i>	Date Considered	11/30/2005
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		First Named Inventor	David W. Brown
		Group Art Unit	2152
		Examiner Name	
		Attorney Docket Number	P214021
Sheet	9	of	10

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PS		MICHALOSKI et al.; "A Framework for Component-base CNC Machines" pub. November 1998; pp. 132-143	
PS		BOUZOUIA et al.; "A Three-layer Workcell Control Architecture Design"; pub. May 1998; pp. 1185-1191	
PS		MORALES et al.; "GENERIS: The EC-JRC Generalized Software Control System for Industrial Robots"; pub. 1999; pp. 26-33	
PS		MUIR et al.; "Mechatronic Objects for Real-time Control Software Development"; pub. November 1998; pp. 251-265	
PS		CHO et al.; "A Compact/Open Network-based Controller Incorporating Modular Software Architecture for a Humanoid Robot"; pub. 1999; pp. 341-355	
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PS		MIZUKAWA et al.; "De-facto Standard API for Open and Networked Industrial Robots"; pub. October 1999; pp. 455-462	
PS		LEU et al.; "A Telemanufacturing Workcell over the Internet"; pub. November 1998; pp. 230-237	
PS		NATALE et al.; "Robust Hybrid Force/Position Control with Experiments on an Industrial Robot"; pub. September 19, 1999; pp. 956-961	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/039,147
		Filing Date	01/04/2002
		First Named Inventor	David W. Brown
		Group Art Unit	2152
		Examiner Name	
Sheet 10 of 10	Attorney Docket Number	P2140	Technology Center 2100

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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PS		NILSSON et al.; "Integrated Architecture for Industrial Robot Programming and Control"; pub. Dec. 31, 1999; pp. 205-226	
PS		VALERA et al.; "Interactive Online Evaluation of Robot Motion Control"; pub. August 22, 1999; pp. 1039-1043	et
PS		"NEMI Low-cost Controller Project"; pub. December 1996; total pages 392	
PS		SPERLING; "Designing Applications for an OSACA Control"; pub. November 16, 1997; 5 pages	
PS		LUTZ et al.; "OSACA: The Vendor-neutral Control Architecture"; pub. 1997; 10 pages	
PS		SPERLING et al.; "Enabling Open Control Systems: An Introduction to the OSACA System Platform"; pub. May 1996; pp. 1-8	
PS		"Requirements of Open Modular Architecture Controllers for Applications in the Automotive Industry"; pub. 12/13/94; pp. 1-13	
PS		Open, Modular Architecture Controls at GM Powertrain"; pub. May 14, 1996; pp. 1-33	
PS		PROCTOR et al.; "Validation of Standard Interfaces for Machine Control"; pub. Dec. 6, 2000; pp. 1-7	
PS		"Technologies Enabling Agile Manufacturing (TEAM) Intelligent Closed Loop Processing"; pub. January 11, 1996; 30 pages	

Examiner Signature	<i>Philip A. Sander</i>	Date Considered	1/31/2005
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STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/039,147
Filing Date	01/04/2002
First Named Inventor	David W. Brown
Group Art Unit	2153
Examiner Name	G. Burgess
Attorney Docket Number	P214021

Sheet	1	of	3
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>2</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup>			
WJ		6,292,174		Mallett et al.	09/18/2001	
WJ		6,028,593		Rosenberg et al.	02/22/2000	
WJ		5,821,920		Rosenberg et al.	10/13/1998	
WJ		6,147,647		Tassoudji et al.	11/14/2000	
WJ		5,956,484		Rosenberg et al.	09/21/1999	RECEIVED
WJ		6,101,530		Rosenberg et al.	08/08/2000	
WJ		6,161,126		Wies et al.	12/12/2000	MAR 31 2004
WJ		6,125,385		Wies et al.	09/26/2000	
WJ		6,061,004		Rosenberg	05/09/2000	Technology Center 2100
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WJ		6,219,032		Rosenberg et al.	04/17/2001	
WJ		6,078,308		Rosenberg et al.	06/20/2000	
WJ		6,317,116		Rosenberg et al.	11/13/2001	
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WJ		6,166,723		Schena et al.	12/26/2000	
WJ		6,128,006		Rosenberg et al.	10/03/2000	
WJ		6,243,078		Rosenberg	06/05/2001	
WJ		6,191,774		Schena et al.	02/20/2001	
WJ		6,131,097		Peurach et al.	10/10/2000	

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Wm. J. Schuch

**Date**  
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		Application Number	10/039,147
		Filing Date	01/04/2002
		First Named Inventor	David W. Brown
		Group Art Unit	2153
		Examiner Name	G. Burgess
Sheet 2	of 3	Attorney Docket Number	P214021

U.S. PATENT DOCUMENTS						
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		Number	Kind Code <sup>2</sup>			
PS		6,285,351		Chang et al.	09/04/2001	
PS		6,300,936		Braun et al.	10/09/2001	
PS		6,304,091		Shahoian et al.	10/16/2001	
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PS		5,438,529		Rosenberg et al.	08/01/1995	
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PS		6,195,592		Schuler et al.	02/27/2001	
PS		6,169,540		Rosenberg et al.	01/02/2001	
PS		5,701,140		Rosenberg et al.	12/23/1997	
PS		5,739,811		Rosenberg et al.	04/14/1998	
PS		5,734,373		Rosenberg et al.	03/31/1998	
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PS		6,219,033		Rosenberg et al.	04/17/2001	
PS		6,300,937		Rosenberg	10/09/2001	
PS		6,232,891		Rosenberg	05/15/2001	

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Office <sup>3</sup>	Number	Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>Philip J. Scuder</i>	Date Considered	1/31/2005
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		Application Number	10/039,147
		Filing Date	01/04/2002
		First Named Inventor	David W. Brown
		Group Art Unit	2153
		Examiner Name	G. Burgess
		Attorney Docket Number	P214021
Sheet	1	of	3

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PS	1	BRADLEY BARGEN and PETER DONNELLY; <u>Inside Direct X – In Depth Techniques for Developing High-Performance Multimedia Applications</u> ; 1988; Chps. 1, 18-20, 22-27; Microsoft Press; U.S.	
PS	2	PETER KOVACH; <u>Inside Direct3D – The Definitive Guide for Real-Time 3D Power and Performance for Microsoft Windows</u> ; 2000; Chps. 1, 7, 15; Microsoft Press; U.S.	
PS	3	M. FARSI and M. BARBOSA; <u>CANopen Implementation - Applications to Industrial Networks</u> ; 2000; Research Studies Press Ltd.; England and U.S.	
PS	4	WOLFHARD LAWRENZ; <u>CAN System Engineering – From Theory to Practical Applications</u> ; 1997; Springer-Verlag New York, Inc.; U.S.	
PS	5	ALLEN-BRADLEY; "CNCnet Software Library"; October, 1992; Publication 8000-6.1.1; U.S.	
PS	6	ROBERT BOSCH GmbH; "CAN Specification"; September, 1991; Version 2.0.	
PS	7	SISCO, INC.; "Overview and Introduction to the Manufacturing Message Specification (MMS)"; 1994-1995; Revision 2; Systems Integration Specialists Company, Inc.; Sterling Heights, Michigan, U.S.	
PS	8	ISO-9506-1 "Industrial Automation Systems—Manufacturing Message Specification—Part 1: Service definition"; August, 2000; pp. i-22; ISO/IEC; Switzerland.	
PS	9	ISO-9506-2 "Industrial Automation Systems—Manufacturing Message Specification—Part 2: Protocol specification"; August 2000; pp. i-6; ISO/IEC; Switzerland.	
PS	10	SISCO, INC.; "MMS-EASE"; January 1996; Systems Integration Specialists Company, Inc.; Sterling Heights, Michigan, U.S.	
PS	11	ANSI/EIA-484-A "Electrical and Mechanical Interface Characteristics and Line Control Protocol Using Communication Control Characters for Serial Data Link Between a Direct Numerical Control System and Numerical Control Equipment Employing Asynchronous Full Duplex Transmission"; June, 1995; Electronic Industries Association; U.S.	

Examiner Signature	<i>Whitney L. Schuster</i>	Date Considered	1/31/2005
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		Group Art Unit	2153
		Examiner Name	G. Burgess
Sheet 2	of 3	Attorney Docket Number	P214021

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RL	12	ISO/IEC 7498-1 "Information Technology—Open Systems Interconnection-Basic Reference Model: The Basic Model"; November 1994; U.S.	
RL	13	ISO/IEC 7498-3 "Information Technology—Open Systems Interconnection-Basic Reference Model: Naming and Addressing"; April 1997; U.S.	
RL	14	TODD J. SCHUETT; "The Benefits and Data Bottlenecks of High Speed Milling"; August, 1995; conference paper presented at Southeastern Michigan Chapter American Mold Builders Association; Creative Technology Corporation; U.S.	
RL	15	TODD J. SCHUETT; "The Ultimate DNC; Direct CNC Networking (DCN)"; <u>Modern Machine Shop</u> ; January, 1996; Creative Technology Corporation; U.S.	
RL	16	TODD J. SCHUETT; "Advanced Controls for High Speed Milling"; conference paper presented at the SME "High Speed Machining" conference; May 7-8, 1996; Creative Technology Corporation; U.S.	
RL	17	LEITAO, MACHADO & LOPES; "A Manufacturing Cell Integration Solution"; paper developed at CCP as a part of the ESPRIT 5629 Project; October, 1995.	
RL	18	MITSUBISHI ELECTRIC; <u>Mitsubishi Electric Advance: Programmable Logic Controllers Edition</u> ; September, 1996; Vol. 76; Mitsubishi Electric Corporation; Tokyo.	
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RL	20	CHU & WANG; "Development of a Practical SFC System for CNC Machine Shop"; <u>International Conference on Data and Knowledge Systems for Manufacturing and Engineering</u> ; May 1994; pp. 362-367, Vol. 1; pp. xx+745, Vol. 2; Chinese Univ.; Hong Kong.	
RL	21	FARSI, M.; "Device Communication for Flexible Manufacturing:-A New Concept"; 1994; pp. 328-334.	
RL	22	FARSI, M.; "A Production Cell Communication Model in Factory Automation Using the Controller Area Network"; 1995; pp. 90-95.	

Examiner Signature	<i>Philip L. Scarb</i>	Date Considered	1/31/2005
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Substitute for form 1449B/PTO  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p>		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/039,147</td> </tr> <tr> <td>Filing Date</td> <td>01/04/2002</td> </tr> <tr> <td>First Named Inventor</td> <td>David W. Brown</td> </tr> <tr> <td>Group Art Unit</td> <td>2153</td> </tr> <tr> <td>Examiner Name</td> <td>G. Burgess</td> </tr> <tr> <td>Attorney Docket Number</td> <td>P214021</td> </tr> </table>		Application Number	10/039,147	Filing Date	01/04/2002	First Named Inventor	David W. Brown	Group Art Unit	2153	Examiner Name	G. Burgess	Attorney Docket Number	P214021
Application Number	10/039,147														
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First Named Inventor	David W. Brown														
Group Art Unit	2153														
Examiner Name	G. Burgess														
Attorney Docket Number	P214021														
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
PS	- 23	FARSI, M. "CANopen: The Open Communications Solution"; 1996; pp. 112-116.	
PS	- 24	KATAYAMA et al.; "A Motion Control System with Event-driven Motion-module Switching Mechanism for Robotic Manipulators"; <u>IEEE International Workshop on Robot and Human Communication</u> ; July, 1993; pp. 320-325; U.S.	
PS	- 25	MATSUI et al.; "An Event-Driven Architecture for Controlling Behaviors of the Office Conversant Mobile Robot, <i>Jijo-2</i> "; <u>Proceedings of the 1997 IEEE International Conference on Robotics and Automation</u> ; April 1997; pp. 3367-3372; U.S.	
PS	- 26	MICROSOFT CORPORATION; "How to Write and Use ActiveX Controls for Microsoft Windows CE 3.0"; <u>Windows CE 3.0 Technical Articles</u> ; June, 2000; pp. 1-5.	
PS	- 27	MICROSOFT CORPORATION; "Notes on Implementing an OLE Control Container"; <u>ActiveX Controls Technical Articles</u> ; September 21, 1994; pp. 1-47.	
PS	- 28	MICROSOFT CORPORATION; "What OLE Is Really About"; <u>OLE (General) Technical Articles</u> ; July, 1996; pp. 1-33.	
PS	- 29	MICROSOFT CORPORATION; "Categorizing by Component Capabilities"; <u>Platform SDK: COM</u> ; November, 2001; pp. 1-23.	
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Sheet	1	of	2	Application Number	10/039,147
				Filing Date	01/04/2002
				First Named Inventor	David W. Brown
				Group Art Unit	2153
				Examiner Name	
				Attorney Docket Number	P214021

U. S. PATENT						
Examiner Initials*	Cite No. <sup>2</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>3</sup>			
JS		4,769,771		Lipmann et al.	09-1988	
JS		6,546,436		Fainmesser et al.	04-2003	
JS		5,724,074		Chainani et al.	03-1998	
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JS		6,083,104		Choi, Kei Fung	07-2000	
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JS		6,400,996		Hoffberg et al.	06-2002	

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FOREIGN PATENT							
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Examiner Signature	<i>Philip J. Scuderi</i>	Date Considered	11/3/2005
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Sheet 2

of 2

Application Number	10/039.147
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Filing Date	01/04/2002
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First Named Inventor	David W. Brown
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Group Art Unit	2153
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**Examiner Name**

Attorney Docket Number	P214021
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## U.S. PATENT

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## FOREIGN PATENT

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**Examiner  
Signature**

Philip S. Scofield

**Date  
Considered**

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Sheet	1	of	1
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Attorney Docket Number	P214021
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**Examiner  
Signature**

Philip I Scotland

Date  
Considered

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